

Scottsdale Green Building

RATING CHECKLIST UPDATE SUMMARY

August 4, 2006

The new green residential rating checklist will apply only to one- and two-family dwellings and multiple single-family dwellings (townhouses and condominiums) as defined by the International Residential Code (not more than three stories in height with a separate means of egress). The new green rating checklist and inspection process will go into effect September 1, 2006.

Background

Since the last major revision to the Scottsdale Green Building checklist in 2001, there have been many industry-wide changes, including the following:

- City of Scottsdale adoption of energy code requirements as part of the International Residential Code (IRC) and International Energy Conservation Codes (IECC)
- EPA ban on chromated copper arsenate (CCA) treated wood for residential uses
- National Association of Home Builders *Model Green Home Building Guidelines*
- U.S. Green Building Council pilot *LEED for Homes* green program
- New green building materials, systems and products
- Construction industry building more energy efficient homes
- General public more informed of energy and environmental issues

The update to Scottsdale's green building rating checklist reflects many of these industry-wide changes and builds upon the experience gained since the inception of the program in 1998.

The following guidelines were used to update the green building rating checklist:

1. Mandatory requirements (pre-requisites)
 - Account for city adopted energy code, state and federal guidelines
 - Building industry changes including materials and products
2. Qualification criterion, point values, and performance outcomes
 - Account for national green building programs and rating checklists
 - Verification methods including plan review, inspections, self-certification, and compliance certificates
3. Energy performance and indoor environmental quality
 - Improve predictor for performance and energy savings
 - Create synergy with energy code provisions and existing 3rd party energy certification programs such as Energy Star and Environments for Life

New Green Inspection Process

A new streamlined green building inspection process will accompany the new checklist update. The city-building inspectors will automatically inspect for green building items as part of the regular building inspection process. A number of self-certified checklist

